IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): A combustion catalyst for removing organic compound(s), which comprises a first catalyst comprising alumina containing at least one of the elements of the platinum group, and a second catalyst comprising a mixture of zeolite with a metal oxide ~~containing~~, wherein the metal oxide is loaded with at least one of the elements of the platinum group;

the alumina of the first catalyst has a pore size distribution such that where "a" represents a pore radius in Å at the maximum of the pore radius distribution curve, the accumulated pore volume of pores having radii in the range of (a - 25) Å to (a + 25) Å is at least 65% of the total volume of all the pores, said alumina containing less than 1% by weight of rare earth elements: and

said first catalyst and said second catalyst being arranged in a manner such that organic compound(s) to be removed is/are contacted first with the first catalyst and then with the second catalyst.

Claim 2 (Previously Amended): The combustion catalyst according to claim 1, wherein the ratio of the first catalyst to the second catalyst is in the range from 1:20 to 2:1 by weight.

Claim 3 (Currently Amended): The combustion catalyst according to claim 1, wherein the ratio of zeolite to the metal oxide ~~containing~~ loaded with at least one of the elements of the platinum group in the mixture of the second catalyst is in the range from 20:1 to 1:20 by weight.

Claim 4 (Previously Amended): The combustion catalyst according to claim 1, wherein the zeolite is ion-exchanged with at least one ionic species selected from the group consisting of those of the groups IA and IIA.

Claim 5 (Previously Amended): The combustion catalyst according to claim 1, wherein the metal oxide in the second catalyst is alumina having pore size distribution such that, where "a" represents a pore radius in Å at the maximum of the pore radius distribution curve, the accumulated pore volume of pores having radii in the range of (a - 25) Å to (a + 25) Å is at least 65% of the total volume of all the pores, said alumina containing less than 1% by weight of rare earth elements.

Claim 6 (Canceled).

Claim 7 (Previously Amended): A process for removing organic compound(s) by catalytic combustion comprising the step of contacting organic compound(s) with the combustion catalyst as claimed in claim 1, so that the organic compound(s) is/are contacted first with the first catalyst of the combustion catalyst and then with the second catalyst of the combustion catalyst.

Claim 8 (Previously Amended): The process according to claim 7, wherein the ratio of the first catalyst to the second catalyst is in the range from 1:20 to 2:1 by weight.

Claim 9 (Currently Amended): The process according to claim 7, wherein the ratio of the zeolite to the metal oxide ~~containing~~ loaded with at least one of the elements of the

platinum group in the mixture of the second catalyst is in the range from 20:1 to 1:20 by weight.

Claim 10 (Previously Amended): The process according to claim 7, wherein the zeolite is ion-exchanged with at least one ionic species selected from the group consisting of those of groups IA and IIA.

Claim 11 (Previously Amended): The process according to claim 7, wherein the metal oxide in the second catalyst is alumina having a pore size distribution such that, wherein "a' represents a pore radius in Å at the maximum of the pore radius distribution curve, the accumulated pore volume of pores having radii in the range of (a - 25) Å to (a + 25) Å is at least 65% of the total volume of all the pores, said alumina containing less than 1% by weight of rare earth elements.

Claim 12 (Canceled).

Claim 13 (Previously Amended): The process according to claim 7, wherein the organic compound(s) comprise(s) at least one halogen-containing organic compound.

Claim 14 (Previously Amended): The process according to claim 7, wherein the organic compound(s) show(s) a vapor pressure of 0.001 kPa or higher at a temperature of 293.15°K.

Claim 15 (Previously Amended): The process according to claim 7, wherein a gas containing the organic compound(s) is/are contacted with the combustion catalyst, the

organic compound(s) being present in a concentration of not greater than 1% by volume in said gas.

Claim 16 (Previously Amended): The process according to claim 7, wherein the organic compound(s) comprise(s) at least one C_2 hydrocarbon.

Claim 17 (Previously Amended): The process according to claim 7, wherein the organic compound(s) comprise(s) at least one chlorinated C_2 hydrocarbon.

Claim 18 (Previously Added): The combustion catalyst according to Claim 1, wherein the zeolite has an SiO_2/Al_2O_3 molar ratio of 10 or greater.

Claim 19 (Previously Added): The process according to claim 7, wherein the zeolite has an SiO_2/Al_2O_3 molar ratio of 10 or greater.

Claim 20 (Previously Added): The combustion catalyst according to claim 1, wherein the zeolite is ion-exchanged with calcium ion.

Claim 21 (Previously Added): The process according to claim 7, wherein the zeolite is ion-exchanged with calcium ion.

Claim 22 (Previously Added): The combustion catalyst according to claim 1, wherein the alumina and the metal oxide contain platinum.

Claim 23 (Previously Added): The process according to claim 1, wherein the alumina and the metal oxide contain platinum.

Claim 24 (Currently Amended): The combustion catalyst according to claim 1, wherein the organic compound(s) is/are hydrocarbon(s) which ~~may be~~ is/are unsubstituted or substituted by at least one of halogen and oxygen.

Claim 25 (Currently Amended): The process according to claim 1, wherein the organic compound(s) is/are hydrocarbon(s) which ~~may be~~ is/are unsubstituted or substituted by at least one of halogen and oxygen.